

Requests for Clarifications No. 2
UNFPA/DNK/ITB/24/006

1. Question 1

Please clarify the following:

Reference is made to answers to Questions No. 4 and 6 in the "Requests for Clarifications No. 1" dd 10-May-2024. The "soft copy version of the Bidding Forms" contains only Technical specifications that do not have "Description of items offered and Bidder's statements on deviations" and "Compliant?" columns in them.

Q: Please confirm that "Description of items offered and Bidder's statements on deviations" column from "5. Product Item Overview Form" from page 62 is to be filled by the bidders (*in the column it is stated that "Detailed description to be completed by UNFPA"*) and ready "Product Item Overview Form.xls" is not available.

5. Product Item Overview Form

Item No.	Description and minimum /mandatory specifications <i>[Detailed description to be completed by UNFPA]</i>	Description of items offered and Bidder's statements on deviations (To be completed by the Bidder)	Compliant? (Y/N) (To be completed by UNFPA during evaluation)
1	[...]		
2	[...]		
3	[...]		
...			

(Use the spreadsheet "Product Item Overview Form.xls" if a large number of items need to be compared.)

UNFPA Response: Bidders are kindly requested to use the table provided under Section 5. Product Item Overview Form and complete the third column on "Description of Items offered and Bidder's statements on deviations". To simplify, Bidders may insert the reference to the long detailed description of

minimum/mandatory specifications in the submitted form as follows (second column):

5. Product Item Overview Form

Item No.	Description and minimum /mandatory specifications <i>[Detailed description to be completed by UNFPA]</i>	Description of items offered and Bidder's statements on <u>deviations</u> (To be completed by the Bidder)	Compliant? (Y/N) (To be completed by UNFPA during evaluation)
1	As per Product Description in ITB Section II: Technical Specifications and Schedule of Requirements, 2.1 Technical Specifications for Anaesthesia Machine		
2	As per Product Description in ITB Section II: Technical Specifications and Schedule of Requirements, 2.1 Technical Specifications for Obstetrical Table		
3	As per Product Description in ITB Section II: Technical Specifications and Schedule of Requirements, 2.1 Technical Specifications for Electrosurgical Unit		
4		

2. Question 2

For us it is still unclear how to fill in the form "Product item overview form", In the Clarification 1 you mention that we have to refer to soft copy of bidding forms posted on UNGM, we checked and found the unfilled version of this form, than in the form itself it is indicated that the columns should be filled by UNFPA. And moreover there is mentioned about spreadsheet in .xls format but it is not presented in UNGM platform. Please give us the proper instruction how to proceed with this form? And provide the filled form accordingly to instructions.

UNFPA Response: Please refer to UNFPA Response to Question 1 above.

3. Question 3

In your document Section V 5. Product Item Overview Form mentioned that *Use the spreadsheet "Product Item Overview Form.xls" if a large number of items need to be compared.* We would like to know if you have any format in excel for this file?

UNFPA Response: Please refer to UNFPA Response to Question 1.

4. Question 4

There are documents to be submitted in the bid that are mentioned in the instructions to bidders, but



the drafts of them are not given in the forms (*e.g. Product Item Overview Form, Manufacturers Authorization and Manufacturers Authorization for service center*).

Please confirm that bidders can use available free formats for those documents, or should we expect those forms?

UNFPA Response: Bidders may supply the following documentation as available. No specific format will be provided by UNFPA.

5. Question 5

As, only "Electronic Bids submitted via email in accordance with the guidelines provided in Clause 17" to be accepted, we are concerned with the clause 21.2., which states that bids will be printed, including Financial bids. This means person doing the printing will see the financial offers of the bidders, before official openings on May 29, 2024, 10:00 Copenhagen Time.

Q: Will it be possible to avoid beforehand printing of the Financial bids to avoid possible leak of sensitive information that can influence the outcome of the tender? Instead, usage of a password protected PDF or other file format is suggested, where the password will be announced by the representative of the bidder during the bid openings.

UNFPA Response: Electronically submitted Bids will not be printed. As per Clause 17.2, Bids received at bindtender@unfpa.org mailbox are kept undisclosed and shall not be opened before the scheduled opening date. UNFPA reminds all Bidders that, as per Clause 15.1 of the ITB, the Bid process shall be conducted through a ONE-envelope system.

6. Question 6

Since the deadline of captioned tender has been extended, We would like to request for extension of the deadline of clarification to 21 May, 2024.

UNFPA Response: As per the *Amendment No. 2* published on UNGM on 21 May 2024, UNFPA no longer accepted new requests for clarifications after Wednesday, 22 May 2024 to allow sufficient time for review and provision of answers to previously submitted queries. In light of the subject publication for *Requests for Clarifications No. 2* and given the revised Technical Specifications, Bidders may reach out to UNFPA should any further queries arise.

7. Question 7

As a supplier who want to participate the Bid of UNFPA. due to our desire to provide the best quotation and the need to prepare many documents, I request that UNFPA can consider to extend the deadline for submitting the tender quotation in accordance with ITB No. UNFPA/DNK/ITB/24/006. I will ask for your gentle consideration.

UNFPA Response: As published in Amendment No. 4, the deadline for submission of bids is extended until Monday, 08 July 2024 at 15:00 Hours Copenhagen local time.

8. Question 8

We also would like to attend the bid opening on 21st May, 2024 too.

UNFPA Response: As per Amendment No. 4, the bid opening shall take place on Tuesday, 09 July at 10:00 AM Copenhagen local time.

9. Question 9

Where do I get the link, to join the bid opening online?



UNFPA Response: The link to the public online bid opening shall be shared with all Bidders who submitted Bids closer to the date.

10. Question 10

We will attend the bid opening conference on 21 May 2024, at 10:00 AM Copenhagen time. Please kindly send us the Meeting Link.

UNFPA Response: As per Amendment No. 4, the bid opening shall take place on Tuesday, 09 July at 10:00 AM Copenhagen local time. The link to the public online bid opening shall be published on UNGM and shared with all Bidders who submitted Bids closer to the date.

11. Question 11

Our product is different from the requirements listed in the bid proposal, can we apply? We develop and market a Fetal monitor. Our products "iCTG" are portable, simple and smart. Our product is not a thermal printer, but a computer and printer that can print on any hospital's computer, printer, and copy paper. The fact that there is no need to prepare special thermal paper is excellent for versatility and can reduce running cost expenses.

UNFPA Response: Bidders shall provide Offers matching the original technical specifications of the item as per the posted ITB to the extent possible. Please refer to Section 24. Responsiveness of Bids in relation to goods conformity and material deviation.

12. Question 12

Please clarify the following according to clause «2.2. Schedule of Requirements» of «SECTION II: Technical Specifications and Schedule of Requirements»

First shipment must take part not later than 60 days after order placement, there will be 4 orders with following distribution: 30%, 30%,20%,20%

If I understand correctly, the algorithm will be as follows if we win the lot we will receive the «Order» for the first part 30% and then we must finish all related services of this part only after we finish all services we will receive and accept the second «Order» for the next 30% and further 20% and 20% ? so it will be 60 day for each Order after we finish the services of the first Order. Or 60 days only for shipment to Uzbekistan and not includes the related services.

UNFPA Response: The timeframe provided in ITB indicates that the first shipment must commence within 60 days of the order placement, bidders should not wait for installation of the first batch of the shipment to continue dispatch of the left items. The next batches should be shipped as soon as they are available so there are no lengthy breaks between deliveries, it is important for bidders to take into account freight cost of multiple shipments in the price schedule.

13. Question 13

In page 44 of the solicitation document, it is said "First shipment must take part not later than 60 days after order placement". Can we understand like this: the shipment departure time must within 60 days after order placement. Because time is too short to arrive Tashkent within 60 days for the first shipment.

UNFPA Response: The 60-days requirement does not include transit time. UNFPA is expecting to receive shipping documents within 60 days of order placement.

14. Question 14

Kindly clarify the point regarding Warranty period and after sales period. Is it assumed as 36 months +

24 months? Means in total almost 5 year of free maintenance, repair and spare parts provided?

UNFPA Response: Bidders are required to provide 36-months warranty and 24-months free maintenance, repair services and any additional spare parts after installation. The Manufacturer's warranty must cover the whole 36 months from the start, and within this period, 2 years maintenance and cost of service spare parts should be included into the Bidders' offer.

15. Question 15

Reference is made to Annex II - Price Schedule Form

Kindly request to specify the exact q-ty of expendable items for 2 years normal daily use, how we should calculate the "normal" daily use?

According to file Annex 2, the Expendable items requested for each lot, and since we have a plan to participate for all lots, so that's why we want to understand how to calculate "Normal daily use" quantity.

UNFPA Response: Bidders should be guided by the amounts requested in the ITB and quote for each expendable item in the separate line in the Price schedule, so UNFPA is able to estimate total cost of the ownership in the first 2 years. Please note that consumables can be shipped separately later, however for bidders it is very important to keep in mind freight charges and necessity to quote FCA and CPT prices.

16. Question 16

Regarding item 3 Electrosurgical Unit. the required specification says "Trolley made of steel with anti-corrosive epoxy coating, aluminum, AISI 304 stainless steel or higher quality material. With 4 antistatic castors, 2 with brakes.", in order to offer you a suitable trolley, could you please send a reference picture?

UNFPA Response: Please refer to the illustrative sample below for reference. This sample should not be perceived as an indication of a certain model in any way. The trolley must be able to contain the equipment and be made of material resistant to hospital disinfectants. Bidders shall provide Offers matching the original technical specifications of the item as per the posted ITB to the extent possible. Please refer to Section 24. Responsiveness of Bids in relation to goods conformity and material deviation.



17. Question 17

In relation to Item 5. Intensive Care Ventilator

Upon careful analysis of the technical specifications, we have identified 4 (four) parameters that we believe require amendments to better suit intensive care treatment:

1. Display LCD, at least 12", touch screen technology (Page 32) :

We kindly request that the specification be amended to a 10" touch screen. The ICU ventilator Monnal T75 ventilator, as many other ventilators in the industry, has a 10.4" screen, which is proven to provide an ample and effective display of the parameters. The requirement for a larger 12" screen is not only less common but also restricts the competitive landscape by excluding numerous capable suppliers who meet the more standard 10" criteria.

2. Oxygen connection in the range of 2-6 atm, operation from low pressure oxygen is also required (concentrator/low pressure flow) 0-20 l/min. (Page 32)

We kindly request the amendment of the oxygen connection specification to 2.8 - 6.0 bar instead of 2.0-6 atm. The currently specified 2 atm cardinality limits the number of ventilators which can participate in the tender as the majority of ICU ventilators operates with oxygen supply in the range of 2.8-6.0 bar which is maintained in the hospital oxygen network and is requested for a proper performance of the embedded oxygen blender.

3. Ventilation rate up to 150 bpm at least (page 32)

We kindly request that the ventilation rate specification be revised to a maximum of 120 bpm. The current requirement of at least 150 bpm is typically necessary only for neonatal patients. For adults and children weighing at least 5 kg, which generally includes mature newborns over two-three months old, a maximum rate of 120 bpm is perfectly adequate (2 times higher than a physiological respiratory rate of a patient from birth to 6 months). This modification not only aligns with the specified use of the device for "long-term controlled artificial ventilation of lungs in adults and children from 5 kg in stationary conditions" but also broadens the range of potential suppliers. The current specification restricts competition by excluding many capable devices that do not offer rates up to 150 bpm.

4. Tidal volume range at least: 5 – 2000 mL (page 32)

Tidal volumes in children tend to average around 8 mL/kg [8.0 mL/kg (Erickson et al., 2007), 8.1 mL/kg (Albuali et al., 2007), and 8.3 mL/kg (Santschi et al., 2010).

We kindly request an amendment to the tidal volume range specification from 5–2000 mL to 20–2000 mL. The lower threshold of 5 mL is typically necessary only for premature babies. However, for newborns weighing 5 kg and above, a starting range of 20 mL is entirely sufficient. This proposed change would better align with the actual needs of the intended patient group, as specified for "long-term controlled artificial ventilation of lungs." Additionally, adjusting this parameter would increase the number of potential suppliers, as currently, very few devices on the market can meet the narrower 5 mL starting range, thus unnecessarily limiting competition.



We hope you will consider these proposed amendments to make the tender specifications more adapted to the intensive care reality, more practical and inclusive.

UNFPA Response: Please refer to Amendment No. 4 as published on UNGM for revised Technical Specifications. In response to queries, see below:

1. Equipment with 10" screens will be accepted as long as it is capable of presenting the requested information (such as waves, loops, parameters, alarms and messages).

2. 2.8 bar is equivalent to approximately 2.76 atm. This value is within the range of 2.0 - 6 atm, which is why it complies with the specified range.

3. As this device is designed for long-term controlled artificial ventilation of lungs in adults and children from 5 kg in stationary conditions, 120 BPM is accepted

4. As this device is designed for long-term controlled artificial ventilation of lungs in adults and children from 5 kg in stationary conditions, VT in a range of at least 20–2000 ml is accepted.

18. Question 18

Please advise if a Performance Security shall be requested.

UNFPA Response: Please refer to Section IV: UNFPA Special Conditions of Contracts. UNFPA reserves the right to request for Performance Security.

19. Question 19

According to the Requests for Clarifications No. 1 dated 10/05/2024, UNFPA Responses related to the questions 26, 27 and 28, you confirm that UNFPA standard 30 days payment terms shall apply.

Given what's above, please clarify and detail from which moment/deed the indicated payment terms will start (30 days) based on the different quotes you request, in order to guarantee a fair competition among the bidders since the payment conditions may have a significant financial impact on the calculation of their quotations.

For example, for the FIRM CPT supply:

- Ex works?
- On shipment?
- CR Uzbekistan?
- PA project final destinations?

UNFPA Response: Standard UNFPA payment terms for the procurement of goods are net 30 days upon receipt of shipping documents, invoice and other documentation required by the contract. For the procurement of services, the payment terms are net 30 days upon receipt of invoice and delivery/acceptance of the milestone deliverables linked to payment as specified in the contract.

20. Question 20

In relation to Item No. 2 Obstetrical Table and Item No. 7 Operating Table

Regarding Obstetric Table and Operation table the technical requirement asks electrohydraulic control. Does it mean that tables should be fully electrohydraulic or some parts are allowed to use mechanical

control?

UNFPA Response: Please refer to Amendment No. 4 as published on UNGM for revised Technical Specifications. At least the following movements must be electro hydraulically operated: height adjustment, Trendelenburg positioning and backrest inclination.

21. Question 21

You requested the devices free Sales certification in registration in Uzbekistan. Can we offer unregistered devices to the Ministry of Health of Uzbekistan and register after your order?

UNFPA Response: Please refer to the answer provided to Question 23 of the *Request for Clarification No. 1*: As per Registration of medical devices with Center for Pharmaceutical Products Safety of Uzbekistan will not be required for all medical devices imported under this ITB. Public use of medical devices will be granted by the issuance of Certificate of Conformity, the bidder should supply all the documents necessary for the issuance of certificate, while UNFPA Uzbekistan will apply to the relevant authorities to obtain the certification once the equipment is installed and operational.

22. Question 22

In relation to Item 2. Obstetrical Table

With regard to qualification, we would like to refer to the technical specifications for Item 2. Obstetrical Table, Section II: Technical Specifications and Schedule of Requirements Item of ITB No.

UNFPA/DNK/ITB/24/006.

The technical requirements for the table include:

- Two hand holders, adjustable on each side of the table.
- Removable or foldable side restraints on each side of table, made of Polypropylene or similar, stainless steel or steel with anticorrosive finish in epoxy/electrostatic paint, or higher quality.

For visual representation of these requirements, we are providing examples of the following pictures from the Internet:



Based on these pictures, and also taking into account the design features of the obstetrical table, these two requirements cannot be carried out simultaneously. We kindly ask you to provide clarifications or provide schematic drawing of the required model.

UNFPA Response: Bidders shall provide Offers matching the original technical specifications of the item as per the posted ITB to the extent possible. Please refer to the illustrative sample below for reference.

This sample should not be perceived as an indication of a certain model in any way.



23. Question 23

In relation to Item 3. Electrosurgical Unit

Item Electrosurgical Unit, you mentioned “Two reusable, sterilizable, monopolar patient plates with connecting cable” in the accessories part. Could you please share a photo of your requested item?

UNFPA Response: The monopolar patient plate, also called "return electrode" or "neutral electrode" is necessary to close the electrical circuit when using monopolar handpieces. This sample should not be perceived as an indication of a certain model in any way.



24. Question 24

In relation to Item 1. Anesthesia Machine

Two hundred (200) complete consumable kits for the gas module are requested, however it is not clear if 200 sets PER machine or all in all are required?

If it were 200 sets PER machine, that would add up 32.200 sets in total, which is a very high number. I look forward to your feedback.

UNFPA Response: We have calculated the number of consumable items for approximately 6 months of use: 20 business days per month, considering 2 surgeries per day, in 6 months approximately 240 disposable kits would be used.



25. Question 25

In relation to Item 1. Anesthesia Machine

Hereby our company refers to the technical specifications for Item 1. Anaesthesia Machine and for Item 8. Patient monitor, SECTION II: Technical Specifications and Schedule of Requirements Item of ITB No. UNFPA/DNK/ITB/24/006.

The technical requirements for Anaesthesia machine include:

- One (1) Air pressure regulator, compatible with the medical gas system of the health unit. At least 3 meters long
- One (1) O2 pressure regulator, compatible with the medical gas system of the health unit. At least 3 meters long

As we understand, pressure regulator one of the main component which are located downstream of the yoke assembly, which reduce the high pressure in the cylinders to a low and constant pressure. It usually looks like this:

We kindly ask you to provide clarifications to the requirement for pressure regulator - At least 3 meters long.

UNFPA Response: Please refer to Amendment No. 4 as published on UNGM for revised Technical Specifications. The technical specifications should mention: "Hose of at least 3 meters".

26. Question 26

In relation to Item 1. Anesthesia Machine

The technical requirements for Anaesthesia machine include:

- Inspiratory pressure range at least: 3 – 60 cmH₂O
- PEEP range at least: 0 – 25 cmH₂O
- Airway Pressure Limiting Valve (APL) for manual ventilation, adjustable 0.5-70 cm H₂O column

The above-mentioned parameters are only present in anesthesia machines of brand Drager and GE. Restrictions to only these two brands significantly reduce competition with other well-known PMLS equipment manufacturers. In order to expand the competitive environment, we kindly ask you to consider the possibility of neutralization of these parameters.

UNFPA Response: Please refer to Amendment No. 4 as published on UNGM for revised Technical Specifications. The objective of the proposed parameters is to specify a versatile device that can cover a wide range of patients, but at the same time ensure market competitiveness. For this reason, although it is desirable to work with low pressure levels for PEEP as well as for inspiratory pressure, equipment with the following characteristics will be accepted:

Inspiratory pressure adjustment range of at least 5 - 60 cmH₂O

PEEP range at least: off, 3- 25 cm H₂O

Airway Pressure Limiting Valve (APL) for manual ventilation, adjustable APL: Off (Spont); from no more than 5 cm H₂O to no less than 70 cm H₂O.

27. Question 27

In relation to Item 1. Anesthesia Machine

The reference is made to "Electrically driven ventilator..." in the Specification on the Anesthesia

Machine, page 22, of the "UNFPA DNK ITB 24 006 - 23 April 2024.pdf".

Electrically driven ventilators are exclusively available in anesthesia machines manufactured by Dräger, thereby limiting bidding options for other manufacturers in tenders requiring this specific feature.

Will it be possible to change "Electrically driven ventilator, supported by the internal battery in case of power failure" to "Electrically driven ventilator or ventilator with automatic driving gas switch, supported by the internal battery in case of power failure"?

UNFPA Response: Please refer to Amendment No. 4 as published on UNGM for revised Technical Specifications. An anesthesia machine with an electro-pneumatic powered ventilator will **also** be accepted if it's provided with an medical grade air compressor, integrated with the anesthesia machine or independent, with at least the following characteristics:

- The main driver of Anaesthesia machine should be the compressor. It should not rely on hospital air line, since hospitals do not have air supply.
- In case that the compressor turns off, the Anaesthesia machine must automatically switch to O2 as driven gas.
- The compressor must have the same warranty conditions and period as the anesthesia machine.
- Suitable for continuous operation.
- Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz
- Oil free.
- Should provide medical grade air.
- With air dryer
- Tank volume: at least 2 L
- Outlet pressure: between 4 and 6 Bar, according to the working pressure of the anesthesia machine
- Noise level: less than 51 dB
- Air filter: at least 5 µm
- Peak flow: at least 200 l/min
- Flow: at least 50 l/min
- Air outlet connection: DIN (according to the requirements of the destination country)
- If it's a compressor independent of the anesthesia machine, it must have 4 wheels, at least two of them with brakes; or a cart with wheels for transportation.
- The compressor must comply with EU Directive 2014/68//EC
- Bidders must provide complete specifications of the compressor, whether integrated or stand-alone, including output flow and pressure, current consumption, noise level

28. Question 28

In relation to Item 1. Anaesthesia Machine

Lot 1 Anaesthesia Machine, requirement "Flowmeters for O2, Air and N2O. Minimum range 0.1- 10 L/min. For O2 and N2O, resolution at least 0.05 L/min between 0.1--1.0L/min. Electronic flowmeters with the capacity to work with low flows will be accepted."

At the same time at requirement listed above requirement indicated "....gas cylinder yokes for O₂ and Air. Connections compliant with DISS (according to the requirements of the destination country), gas hose and pressure regulators for O2 and Air cylinders will be accepted." At this requirement isn't requested Cylinder yoke, gas hose and pressure regulator for N2O. Please let us know does according with tender specs required configuration of anesthesia unit with 3 gases of with 2 gases?



UNFPA Response: As indicated by the MoH, N2O is not necessary. An anesthesia machine with two gases is required: Air and Oxygen.

29. Question 29

In relation to Item 1. Anaesthesia Machine

Lot 1 Anaesthesia Machine, requirement, «Electrically driven ventilator...». Please let us know is it allowed to participate at this lot with pneumatically driven unit with compressor? At the same time we recommend to add compressor to the requirement, even if the bidder will participate with electrically driven ventilator

UNFPA Response: Please refer to Amendment No. 4 as published on UNGM for revised Technical Specifications. An anesthesia machine with an electro-pneumatic powered ventilator will **also** be accepted if it's provided with a medical grade air compressor, integrated with the anesthesia machine or independent, with at least the following characteristics:

- The main driver of Anaesthesia machine should be the compressor. It should not rely on hospital air line, since hospitals do not have air supply.
- In case that the compressor turns off, the Anaesthesia machine must automatically switch to O2 as driven gas.
- The compressor must have the same warranty conditions and period as the anesthesia machine.
- Suitable for continuous operation.
- Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz
- Oil free.
- Should provide medical grade air.
- With air dryer
- Tank volume: at least 2 L
- Outlet pressure: between 4 and 6 Bar, according to the working pressure of the anesthesia machine
- Noise level: less than 51 dB
- Air filter: at least 5 µm
- Peak flow: at least 200 l/min
- Flow: at least 50 l/min
- Air outlet connection: DIN (according to the requirements of the destination country)
- If it's a compressor independent of the anesthesia machine, it must have 4 wheels, at least two of them with brakes; or a cart with wheels for transportation.
- The compressor must comply with EU Directive 2014/68/EC
- Bidders must provide complete specifications of the compressor, whether integrated or stand-alone, including output flow and pressure, current consumption, noise level

30. Question 30

In relation to Item 1. Anaesthesia Machine

The reference is made to "Adjustable trigger 0.5-10 l/min." parameter of the "Ventilator and respiratory system" in the Specification on the Anesthesia Machine, page 23, of the "UNFPA DNK ITB 24 006 - 23 April 2024.pdf".

Q: Will it be possible to modify the parameter from "Adjustable trigger 0.5-10 l/min" to "Adjustable trigger 0,5-10 l/min or pressure control trigger 1-20 mm H2O and flow trigger 1-20 l/min"? This

adjustment will be crucial not only for enhancing patient care but also enable participation from a wider pool of vendors, which in turn will prompt competitive pricing.

UNFPA Response: While flow trigger lower limit should not be changed above 0.5L/min, the high end limit might be changed to 20l/min, flow trigger is mandatory to be supplied, and pressure trigger is optional.

31. Question 31

In relation to Item 1. Anaesthesia Machine

Please refer to Amendment No. 4 as published on UNGM for revised Technical Specifications. [Item Anesthesia Device, you mentioned “Electrically driven ventilator, supported by the internal battery in case of power failure.” But our manufacturers couldn’t understand well. Could you please explain this article? Do you want to device without bellow / piston?](#)

UNFPA Response: An anesthesia machine with an electro-pneumatic powered ventilator will **also** be accepted if it’s provided with an medical grade air compressor, integrated with the anesthesia machine or independent, with at least the following characteristics:

- The main driver of Anaesthesia machine should be the compressor. It should not rely on hospital air line, since hospitals do not have air supply.
- In case that the compressor turns off, the Anaesthesia machine must automatically switch to O2 as driven gas.
- The compressor must have the same warranty conditions and period as the anesthesia machine.
- Suitable for continuous operation.
- Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz
- Oil free.
- Should provide medical grade air.
- With air dryer
- Tank volume: at least 2 L
- Outlet pressure: between 4 and 6 Bar, according to the working pressure of the anesthesia machine
- Noise level: less than 51 dB
- Air filter: at least 5 µm
- Peak flow: at least 200 l/min
- Flow: at least 50 l/min
- Air outlet connection: DIN (according to the requirements of the destination country)
- If it's a compressor independent of the anesthesia machine, it must have 4 wheels, at least two of them with brakes; or a cart with wheels for transportation.
- The compressor must comply with EU Directive 2014/68//EC
- Bidders must provide complete specifications of the compressor, whether integrated or stand-alone, including output flow and pressure, current consumption, noise level

32. Question 32

In relation to Item 1. Anaesthesia Machine

[Referring to SECTION II: Technical Specifications and Schedule of Requirements 2.1. Technical Specifications, Lot 1: Anaesthesia Machine Could you please provide clarification on the apparent discrepancy between the first requirement specifying two gas inlets for Oxygen \(O₂\) and Air only, and](#)



the requirement calling for flowmeters capable of measuring Oxygen (O₂), Air, and Nitrous Oxide (N₂O)? Considering the initial requirement limits the gas inlets to Oxygen and Air, how should the inclusion of Nitrous Oxide (N₂O) in the flowmeter requirement be understood or addressed?

UNFPA Response: Please refer to Amendment No. 4 as published on UNGM for revised Technical Specifications. The anesthesia machine must have at least inlets for Air and Oxygen. If it also has an inlet for N₂O, it must meet the requirements of the corresponding flowmeter. If it does not have an inlet for N₂O, which is not a requirement, the flowmeter for N₂O does not apply.

33. Question 33

In relation to Item 8. Patient Monitor

Referring to SECTION II: Technical Specifications and Schedule of Requirements 2.1. Technical Specifications, Lot I: Anaesthesia Machine, could you please clarify the discrepancy regarding the temperature probes specified in the tender? The requirement mentions four (4) skin and esophageal temperature probes, including one of each for adult and pediatric use. Additionally, it specifies one (1) reusable skin temperature sensor for adults, in addition to the provided device. Could you explain why only one skin temperature sensor for adults should be followed despite the provision for multiple probes of other types and sizes?

UNFPA Response: This question relates to Item 8. Patient Monitor. The technical specifications of the anesthesia machine do not request temperature probes. We assume this question refers to the patient monitor. If so, the monitor must accept 2 simultaneous temperature measurement channels. Regarding accessories, the following are requested:

- Reusable skin sensors: 1 adult and 1 pediatric + 1 extra adult replacement.
- Reusable esophageal/rectal sensors: 1 adult and 1 pediatric

34. Question 34

In relation to Item 8. Patient Monitor

The technical requirements for Patient monitor include:

Pulse oximetry

-MASSIMO/NELLCOR technology

-Pulse rate: 30 – 250 bpm, resolution: 1 bpm, accuracy: 2% or 2 bpm, whichever is greater.

We would like to note, that standard accuracy for sensors with MASSIMO/NELLCOR technology is 3 bpm. We kindly ask you to revise this parameter.

UNFPA Response: Please refer to Amendment No. 4 as published on UNGM for revised Technical Specifications. In accordance with the MoH's direction to request Massimo or Nellcor technologies, it is appropriate to accept an accuracy of +/- 3 bpm

35. Question 35

In relation to Item 8. Patient Monitor

The reference is made to "MASSIMO/NELLCOR technology" in Pulse oximetry section of the Specifications of the Patient Monitor, page 40, of the "UNFPA DNK ITB 24 006 - 23 April 2024.pdf". To avoid using brand name without compromising patient safety - we ask to change to "FDA approved Spo₂".

UNFPA Response: Please refer to Amendment No. 4 as published on UNGM for revised Technical Specifications. This requirement is based on the availability of accessories for replacement in the

destination country. A specific brand of monitor is not requested, but rather the SpO2 technology used. Several brands of multiparameter monitors use Masimo and Nellcor SpO2 technologies, sensors that provide similar level of reliability and accuracy are also accepted.

36. Question 36

In relation to Item 6. Operating Light

Regarding the requirement : LED technology. The number of LEDs must be at least 50 The most sold product for maternity hospitals is LED 150FP . But this light has only 26 high-efficient LED's which are placed in the lamphead with maximum light emission area. Due to the smaller number of LED's we reach with less power more than the specified intensity (130.000 instead of 120.000 Lux). With prismatic reflectors for each LED a very high shadow reduction can be reached which is equal to the results of a light with more LED's. The manufacturer informed us that they don't see any disadvantage to offer a light with less but more efficient LEDs . Especially the heat development in the field will be significantly less as you can see at the heat to light ratio where our LED 150FP only has 3.73 mW/m²°lx compared to the specified value of max. 6mW/m²°lx

UNFPA Response: The technical specifications shall remain unchanged.

37. Question 37

In relation to Item 6. Operating Light

Regarding the requirement: Adjustable light spot 20-30 cm (at 1 meter distance from the light source). The manufacturer informed us that their light offers 16-23cm which meets all requirements for a maternity light to perform cesarian operations and also smaller procedures. A smaller focused light field will allow a very precise performance of Episiotomie as only the working area is illuminated and a concentrated work of the doctor is possible. Episiotomie is practiced in almost a quarter of the natural births. So the importance of this smaller light field of 16cm is very high while there is no need for a 30cm light field in maternity OT's which would rather result in the risk that by mistake the light field is adjusted too large and too little intensity is illuminating the real working area.

UNFPA Response: The technical specifications shall remain unchanged.

38. Question 38

In relation to Item 6. Operating Light

Please advice if the UPS needs to fulfill the same regulatory approvals and Safety & product standards as the lights as medical products or is it sufficient that they are fulfilling the electric safety standards CE. The manufacturer don't consider them as a medical product as they are only used to maintain the power supply but have no medical use.

UNFPA Response: In the case of the UPS, it is sufficient that it meets CE electrical safety standards.

39. Question 39

In relation to Item 6. Operating Light

Regarding the requirement : Rechargeable batteries or online UPS with: autonomy of at least 90 minutes of continuous use at maximum power. automatic passage from line alimentation to battery operating modes.All electrical connections according to the european standards.

UNFPA Response: Please refer to answer to Question 38 above.

40. Question 40

In relation to Item 6. Operating Light

Regarding the requirement : Rechargeable batteries or on-line UPS with: autonomy of at least 90 minutes of continuous use at maximum power. Automatic passage from line alimentation to battery operating modes. All electrical connections according to the European standards.

Please advise if the UPS needs to fulfill the same regulatory approvals and Safety & product standards as the lights as medical products or is it sufficient that they are fulfilling the electric safety standards CE. We don't consider them a medical product as they are only used to maintain the power supply but have no medical use.

UNFPA Response: In the case of the UPS, it is sufficient that it meets CE electrical safety standards.

41. Question 41

In relation to Item 9. Vacuum Extractor

We would request for clarifications for Item 9 Vacuum extractor:

Two (2) sets of soft suction cups, silicon type, reusable, 40 mm, 50 mm and 60 mm sizes. Is here meant 2 sets of all 3 cups? Or only 2 sizes? We only have the silicon cup in size 50mm and 60mm. For 40mm we will offer the stainless steel bird cup. Please specify what is meant exactly in quantity as this impacts the quote.

UNFPA Response: Please refer to Amendment No. 4 as published on UNGM for revised Technical Specifications. The specifications for soft suction cups have been revised as follows: Two (2) sets of soft suction cups, silicon type, reusable, 50 mm, 60 mm and 70 mm size.

42. Question 42

In relation to Item 7. Operating Table

About 7. Operating table, it is said: "Height movement range: at least 80 to 120 cm from the floor level. Pedal-operated." Please tell whether the height range 80-120cm include the thickness of mattress or not?

UNFPA Response: This means from the floor until the top of the mattress.

43. Question 43

In relation to Item 7. Operating Table

About 7. Operating table, it is said: "Power requirements according to Uzbekistan standards: in the range of 110 - 220 VAC, 50 Hz. Power cord with plug type F." Could the voltage of it be settled as 110V, or 220V or any one between 110~240V? If need to be wide range of VAC, need to apply switch power supply instead of voltage transformer, lifetime of switch power supply can only last 3-5 years, but the voltage transformer can last for 8 years.

UNFPA Response: The standard voltage in Uzbekistan is 220v. The requirement was set to ensure dual voltage equipment(110/220v) is also eligible to be provided.

44. Question 44

In relation to Item 4. Fetal Cardiac Monitor

We would like to request for clarifications for Item 4, Fetal cardiac monitor. According to technical specifications of Section II, the device should be a fetal monitor. But there is a requirement for "Detection of heartbeat coincidence between both fetal channels and maternal heartbeat.", which have to be achieved with module of maternal monitor. Would you pls clarify if the required device is a Fetal



monitor, or a Fetal & Maternal monitor?

UNFPA Response: Please refer to Amendment No. 4 as published on UNGM for revised Technical Specifications. A fetal monitor is required. Verification of coincidence with the maternal heartbeat is not a mandatory or an exclusive requirement in this case.

45. Question 45

Kindly request to highlight next conditions of contract:

- Delivery dates
- Method of payment (LC/TT/etc)
- Detailed descriptions for Terms of payment (prepayment availability, prepayment amount, payment requirements etc)

UNFPA Response: Please refer to the respective sections within the ITB and Requests for Clarifications documents.

46. Question 46

After we finalized the forming of the Bid we found that the total number of folders in ZIP format with a size not exceeding 20 MB is 46. The number of e-mails constituting our Bid will be 46 accordingly. We kindly ask you to confirm that this is acceptable for UNFPA.

UNFPA Response: Bidders are requested to compress files to the extent possible without exceeding 20 MB per email. Bidders shall submit Technical Proposals and related documents in PDF. Financial Proposals shall be submitted in both Excel version and in PDF (signed version).